

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| S1 | 860 | 228/112.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/05 14:15 |
| S2 | 131 | (friction near3 weld \$3) and frame and (spindle or mandrel or head) same drive and mova\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/05 14:22 |
| S3 | 19 | S1 and S2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/05 14:23 |
| S4 | 2 | ("3536242").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/05 14:34 |
| S5 | 3 | ("3536242").URPN. | USPAT | OR | ON | 2008/02/05 14:35 |
| S6 | 9 | US-3954215-\$.DID. OR US-8141718-\$.DID. OR US-4733814-\$.DID. OR US-3377009-\$.DID. OR US-3439853-\$.DID. OR US-4030658-\$.DID. OR DE-19990617-\$.DID. OR US-1331018-\$.DID. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/05 15:06 |
| S7 | 1 | (friction near3 weld \$3) and different near3 size near5 (spindle or mandrel or head) same drive | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/05 16:24 |

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|-----|-----|--|--|----|----|------------------|
| S8 | 11 | semmlinger-wolfgang.in. or fischer-otmar.in. or zott-gunter.in. or huber-rudolf.in. | USPAT | OR | ON | 2008/02/05 16:44 |
| S9 | 13 | (friction near3 weld \$3) and support near5 pin same (spindle or mandrel or head) same drive | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/05 16:49 |
| S10 | 28 | (friction near3 weld \$3) and support near5 pin same lock \$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/05 17:26 |
| S11 | 27 | S10 not S9 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/05 17:27 |
| S12 | 1 | S11 and S1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/05 17:27 |
| S13 | 463 | 228/2.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/05 17:27 |
| S14 | 1 | S11 and S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/05 17:27 |
| S15 | 28 | (friction near3 weld \$3) and support near5 pin same lock \$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/07 17:14 |

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| S16 | 0 | (friction near3 weld \$3 near3 (machine or apparatus or system or device or tool)) and support near5 lock\$3 near5 (opening or hole) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/11 08:13 |
| S17 | 0 | (friction near3 weld \$3 near3 (machine or apparatus or system or device or tool)) and spindle near5 lock\$3 near5 (opening or hole) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/11 08:18 |
| S18 | 13 | (friction near3 weld \$3 near3 (machine or apparatus or system or device or tool)) and spindle same lock\$3 same (opening or hole) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/11 08:19 |
| S19 | 24 | (friction near3 weld \$3 near3 (machine or apparatus or system or device or tool)) and (workpiece or (weld near2 piece)) near5 (remov\$3 or replac\$3or mount \$3) near5 spindle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/11 08:31 |
| S20 | 77 | (friction near3 weld \$3 near3 (machine or apparatus or system or device or tool)) and (chuck or (workpiece near2 mount or holder)) near5 (remov\$3 or replac \$3or mount\$3) near5 spindle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/11 08:34 |

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| S21 | 23 | (friction near3 weld \$3 near3 (machine or apparatus or system or device or tool)) and (chuck or (workpiece near2 mount or holder)) near5 (remov\$3 or replac \$3or mount\$3) near5 spindle and lock\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/11 08:35 |
| S22 | 3 | ((("3542383") or ("4663823")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/11 08:52 |
| S23 | 1 | ("4733814").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/11 09:34 |
| S24 | 1 | ("3954215").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/02/11 10:08 |
| S25 | 7 | (friction near3 weld \$3) and different near3 size near5 (spindle or mandrel or head) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/11 13:03 |
| S26 | 16 | (friction near3 weld \$3) and size near5 spindle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/11 13:04 |
| S27 | 5 | "3612386" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/11 14:15 |
| S28 | 11 | "3439853" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/02/11 15:22 |

2/11/2008 5:43:04 PM

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